

Datasheet for ABIN390584
anti-FOXO1 antibody (AA 454-482)



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2 Images

Overview

Quantity:	400 µL
Target:	FOXO1
Binding Specificity:	AA 454-482
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FKHR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-482 amino acids from the Central region of human FKHR.
Clone:	RB20010
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	FOXO1
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Target Details

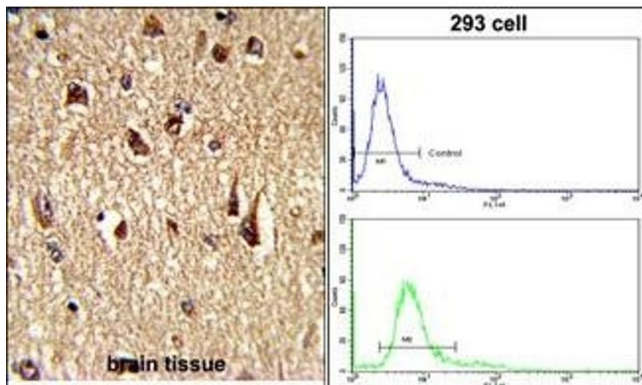
Alternative Name:	FKHR (FOXO1 Products)
Background:	FKHR belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain.
Molecular Weight:	69662
Gene ID:	2308
NCBI Accession:	NP_002006
UniProt:	Q12778
Pathways:	PI3K-Akt Signaling , Cell Division Cycle , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Carbohydrate Metabolic Process , CXCR4-mediated Signaling Events , BCR Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

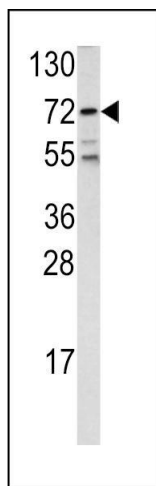
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (LEFT) Formalin-fixed and paraffin-embedded human brain tissue reacted with FKHR Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. (RIGHT) Flow cytometric analysis of 293 cells using FKHR Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of FKHR antibody (Center) (ABIN390584 and ABIN2840907) in 293 cell line lysates (35 μ g/lane). FKHR (arrow) was detected using the purified Pab.